

DRAFT - DO NOT REPRODUCE

Table 7  
Draft XRF Analytical Results  
Fruitland Magnesium Fire  
Maywood, Los Angeles County, California

DRAFT - DO NOT REPRODUCE

Parameters	TTLC	CHHSLs	RSLs	Sample ID:	MWF-ASH-001	MWF-ASH-001	MWF-ASH-002	MWF-ASH-002	MWF-ASH-003	MWF-ASH-003	MWF-ASH-004	MWF-ASH-004
				Reading :	12	13	14	15	19	20	23	24
				Sample Date:	6/22/2016	6/23/2016	6/24/2016	6/25/2016	6/29/2016	6/30/2016	7/3/2016	7/4/2016
				XRF Mode:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Units								
Ti	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	785	1046	2377	1859
Ti +/-	--	--	--	mg/kg	2228	2301	1317	1635	140	135	383	454
Cr	2500 (III) / 500 (VI)	100000 (III) / 17 (VI)	12000 (III) / 0.3 (VI)	mg/kg	2114	2089	992	1045	64	<LOD	636	588
Cr +/-	--	--	--	mg/kg	138	135	77	94	20	56	56	66
Mn	--	--	180	mg/kg	1861	2302	2002	1870	174	131	1219	1106
Mn +/-	--	--	--	mg/kg	116	118	78	92	16	13	55	66
Fe	--	--	--	mg/kg	18598	11417	76617	79217	3928	1745	25178	31757
Fe +/-	--	--	--	mg/kg	337	229	769	928	49	30	275	385
Co	8000	660	2.3	mg/kg	699	604	662	760	<LOD	44	309	354
Co +/-	--	--	--	mg/kg	74	60	91	108	42	10	51	65
Ni	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Ni +/-	--	--	--	mg/kg	144	143	79	100	30	28	69	83
Cu	2500	--	310	mg/kg	--	2680	1519	--	--	--	1	919
Cu +/-	--	--	--	mg/kg	--	61	30	--	--	--	2	24
Zn	5000	23000	1000	mg/kg	2363	2534	10364	1000	514	819	985	1065
Zn +/-	--	--	--	mg/kg	51	53	111	100	9	11	19	22
As	500	0.07	--	mg/kg	34	27	<LOD	--	<LOD	<LOD	16	20
As +/-	--	--	--	mg/kg	5	5	--	--	6	6	5	6
Se	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Se +/-	--	--	--	mg/kg	--	8	--	--	2	2	4	5
Rb	--	--	--	mg/kg	<LOD	<LOD	--	--	3	4	33	32
Rb +/-	--	--	--	mg/kg	--	--	--	--	1	1	2	2
Sr	--	--	--	mg/kg	--	--	--	--	17	14	251	269
Sr +/-	--	--	--	mg/kg	--	--	2	--	1	1	4	5
Zr	--	--	--	mg/kg	302	158	6457	102	24	20	7341	12398
Zr +/-	--	--	--	mg/kg	423	--	62	--	1	1	67	129
Mo	--	--	--	mg/kg	<LOD	<LOD	27	<LOD	12	17	35	44
Mo +/-	--	--	--	mg/kg	48	45	6	--	2	2	6	8
Ag	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	686	<LOD
Ag +/-	--	--	--	mg/kg	49	48	33	38	21	20	14	36
Cd	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Cd +/-	--	--	--	mg/kg	54	53	37	43	23	22	34	40
Sn	--	--	--	mg/kg	<LOD	<LOD	77	68	<LOD	<LOD	157	<LOD
Sn +/-	--	--	--	mg/kg	86	85	19	22	35	33	19	63
Sb	--	--	--	mg/kg	<LOD	<LOD	<LOD	147	51	39	<LOD	<LOD
Sb +/-	--	--	--	mg/kg	97	96	65	26	13	13	61	72
Ba	--	--	--	mg/kg	1962	3659	1736	1931	<LOD	<LOD	751	<LOD
Ba +/-	--	--	--	mg/kg	272	289	151	194	120	113	117	426
Hg	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Hg +/-	--	--	--	mg/kg	29	28	21	26	7	7	14	16
Pb	1000	80	400	mg/kg	<LOD	<LOD	311	331	69	83	220	227
Pb +/-	--	--	--	mg/kg	24	22	9	11	3	3	7	9

Notes: **Bold** results exceed at least one comparison criteria  
**Bold and highlight** results exceed two or more comparison criteria  
mg/kg = milligram per kilogram  
<LOD = concentration lower than limit of detection  
TTLC = Total Threshold Limit Concentrations  
CHHSLs = California Human Health Screening Levels  
RSLs = US EPA Regional Screening Levels

DRAFT - DO NOT REPRODUCE

DRAFT - DO NOT REPRODUCE